

LABORATORY TEAM

DESCRIPTION	The Laboratory Team provides hospitals, outpatient facilities, and mobile units with a wide range of clinical laboratory (patient diagnostic) services, which may include basic chemistry, hematology, coagulation, urine, and microbiology testing
RESOURCE CATEGORY	Medical and Public Health
RESOURCE KIND	Team
OVERALL FUNCTION	<p>The Laboratory Team:</p> <ol style="list-style-type: none"> 1. Provides basic diagnostic services to help healthcare providers medically manage acute and chronic conditions 2. Reports to clinical care personnel findings or trends that may impact the care provided 3. Provides results to ordering healthcare providers, maintains records, and conveys indicated lab results to public health authorities having jurisdiction 4. Maintains and operates the necessary lab equipment, including performing quality control measures consistent with clinical laboratory guidelines 5. Manages the appropriate storage and disposal of collected biological specimens
COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for deploying this team, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment 2. Discuss environment and personal protective measures that may be necessary to protect staff and patients 3. Specify the need to order additional staff to ensure the availability of resources required to safely and effectively support the mission assignment, including administrative, logistics, communications, supply, and clerical personnel 4. Requestor supplements clinical staff with Healthcare Resource Coordination Team if equipment, supplies, information technology, and communications support are necessary 5. When ordering staff, consider patient census, patient acuity, and the types of diagnostic lab work necessary 6. Requestor identifies, verifies, and mitigates potentially hazardous conditions 7. To ensure staff is qualified to care for the patient mix, requests for assistance specify the clinical area, specialty services (if necessary), mission assignment, and anticipated length of deployment 8. Address potential biohazard management issues as appropriate

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	SINGLE TYPE	NOTES
MINIMUM PERSONNEL PER TEAM	6	Not Specified
MANAGEMENT AND OVERSIGHT PERSONNEL PER TEAM	1 - National Incident Management System (NIMS) Type 1 Medical Team Leader	Not Specified
SUPPORT PERSONNEL PER TEAM	3 - NIMS Type 1 Medical Laboratory Technologist and Medical Laboratory Technician (any combination) 2 - NIMS Type 1 Phlebotomist	Not Specified
ANALYSIS EQUIPMENT PER TEAM	Equipment commensurate with mission assignment	<ol style="list-style-type: none"> 1. Requestor provides testing and laboratory equipment, unless the provider otherwise specifies. 2. Type of testing and the accompanying analysis depend on the equipment and supplies available.

COMPONENT	SINGLE TYPE	NOTES
PERSONAL PROTECTIVE EQUIPMENT (PPE) EQUIPMENT PER TEAM MEMBER	PPE is mission specific and may include: 1. Eye protection 2. Masks, such as N95 masks or powered air purifying respirators (PAPR) 3. Protective footwear 4. Protective gloves	The following regulations address PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.1030: Bloodborne Pathogens, OSHA 29 CFR Part 1910.120: Hazardous Waste Operations and Emergency Response, and OSHA 29 CFR Part 1910.134: Respiratory Protection.
COMMUNICATIONS EQUIPMENT PER TEAM	Appropriate team communications, such as two-way radios, cell phones, or a satellite phone	Not Specified
PATIENT CARE SUPPLIES PER TEAM MEMBER	Specimen collection equipment is mission specific and may include: 1. Specimen collection supplies and equipment 2. Venipuncture sets	Requestor provides specimen collection equipment, unless the provider otherwise specifies.

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

REFERENCES

1. FEMA, NIMS 508: Healthcare Resource Coordination Team
2. FEMA, NIMS 509: Medical Team Leader
3. FEMA, NIMS 509: Medical Laboratory Technologist
4. FEMA, NIMS 509: Medical Laboratory Technician
5. FEMA, NIMS 509: Phlebotomist
6. FEMA, National Incident Management System (NIMS), October 2017
7. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Waste Operations and Emergency Response, latest edition adopted
8. OSHA 29 CFR Part 1910.134: Respiratory Protection, latest edition adopted
9. OSHA 29 CFR Part 1910.1030: Bloodborne Pathogens, latest edition adopted